

**WHAT IS CLAIMED IS:**

1. An image processing method comprising:  
detecting a position of a body part area in an input image;  
locating a coordinate system of an ornament according to the detected position of the body part area in the input image; and  
outputting an ornament-arranged input image, based on the located coordinate system of the ornament.
2. An image processing method as defined in claim 1, wherein said outputting comprises outputting an image data of the ornament-drawn input image.
3. An image processing method as defined in claim 1, wherein said outputting comprises outputting an image data relating the ornament to the input image.
4. An image processing method as defined in claim 3, wherein the ornament and the input image are related using a meta file.
5. An image processing method as defined in claim 4, wherein a form of the meta file is SMIL.
6. An image processing method comprising:  
detecting a size of a body part area in an input image;  
scaling a coordinate system of an ornament according to the detected size of the body part area; and  
outputting an ornament-arranged input image, based on the scaled coordinate system of the ornament.
7. An image processing method comprising:  
detecting a rotation amount of a body part area, the rotation being in-plane of an input image;  
defining a rotation amount of a coordinate system of an ornament according to the detected rotation amount of the body part area; and  
outputting an ornament-arranged input image, based on the defined rotation

amount of the coordinate system of the ornament.

8. An image processing method comprising:

detecting a rotation amount of a body part area, the rotation being off-plane of an input image;

defining a rotation amount of a coordinate system of an ornament according to the detected rotation amount of the body part area; and

outputting an ornament-arranged input image, based on the defined rotation amount of the coordinate system of the ornament.

9. An image processing method comprising:

detecting a body part area in an input image;

defining opacity of an ornament, the opacity of the ornament in a foreground area with respect to the detected body part area being different from the opacity of the ornament in a background area of the ornament with respect to the detected body part area; and

outputting an ornament-arranged input image, based on the defined opacity of the ornament.

10. An image processing method as defined in claim 1, wherein, when an ornament collides with a body part area, a moving direction of the ornament is altered so as to move the ornament away from the body part area.

11. An image processing method as defined in claim 1, wherein a body part area is a face part area of a person as a photographic object.

12. An image processing apparatus comprising:

an input image storing unit operable to store an input image;

a template storing unit operable to store at least one template of a body part area;

a detecting unit operable to detect the body part area out of the input image stored in said input image storing unit, said detecting unit using the at least one template

of the body part area stored in said template storing unit;

an ornament information storing unit operable to store ornament information;

and

an ornament arranging unit operable to define ornament arrangement information, in harmony with change of the body part area detected by said detecting unit.

13. An image processing apparatus as defined in claim 12, further comprising a composing unit operable to output an ornament-arranged input image, based on the ornament arrangement information defined by said ornament arranging unit.

14. An image processing apparatus as defined in claim 12, wherein said detecting unit detects a rotation amount of a body part area, the rotation being in-plane of an input image; and

wherein said ornament arranging unit defines ornament arrangement information, in harmony with change of the rotation amount of the body part area detected by said detecting unit.

15. An image processing apparatus as defined in claim 12, wherein,

said detecting unit detects a rotation amount of a body part area, the rotation being off-plane of an input image, and

said ornament arranging unit defines ornament arrangement information, in harmony with change of the rotation amount of the body part area detected by said detecting unit.

16. An image processing apparatus as defined in claim 12, wherein the ornament information comprises transform property and ornament image data, the transform property being related to the ornament image data.

17. An image processing apparatus as defined in claim 12, wherein the ornament information comprises mask data and ornament image data, the mask data being related to the ornament image data.

18. A cellular phone comprising:

- an input image storing unit operable to store an input image;
- a template storing unit operable to store at least one template of a body part area;
- a detecting unit operable to detect the body part area out of the input image stored in said input image storing unit, said detecting unit using the at least one template of the body part area stored in said template storing unit;
- an ornament information storing unit operable to store ornament information;

and

- an ornament arranging unit operable to define ornament arrangement information, in harmony with change of the body part area detected by said detecting unit.